



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

February 22, 2011

Ms. Crystal Thompson  
Kentucky Division of Water  
200 Fair Oaks Lane, 4<sup>th</sup> Floor  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Lake Forest WQTC (aka Chenoweth Run WQTC)  
KPDES No.: KY0042226  
Discharge Monitoring Reports – January 2011**

Dear Ms. Thompson:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Lake Forest WQTC (aka Chenoweth Run WQTC), KPDES No.: KY0042226 for the month of January 2011.

There were no exceedences, bypass or overflow reports.

If you have any questions concerning the attached DMR's, please contact me at (502) 239-7574.

Sincerely,

Duane V. Wright  
Process Supervisor Central Region

DVW/ Lake Forest 1.11

Enclosures

cc: C. Roth (DOW Louisville)  
T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME CHENOWETH RUN WQTC  
 ADDRESS C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY CHENOWETH RUN WQTC  
 LOCATION LOUISVILLE KY 40223  
 ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

KY0042226	001 Z
PERMIT NUMBER	DISCHARGE NUMBER

  

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	03	04		11	01	01

MINOR  
 (SUBR LV)  
 F - FINAL  
 SANITARY WASTEWATER  
 EFFLUENT  
 \*\*\* NO DISCHARGE \*\*\*

JEFFE

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		8	*****	*****	( 17 )	0	0%07	GR
	PERMIT REQUIREMENT	*****	*****	***	7	*****	*****			WEEKLY	GRAD
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.0	*****	7.2	( 12 )	0	0%07	GR
	PERMIT REQUIREMENT	*****	*****	***	6.0	*****	9.0			WEEKLY	GRAD
SOLIDS, TOTAL SUSPENDED 00500 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	31	43	( 25 )	*****	9	12	( 17 )	0	0%07	CP
	PERMIT REQUIREMENT	118	236		*****	30	60			WEEKLY	COMPOS
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.6	0.7	( 25 )	*****	0.2	0.2	( 17 )	0	0%07	CP
	PERMIT REQUIREMENT	19.6	39.2		*****	5	10			WEEKLY	COMPOS
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	3.0	3.3	( 17 )	0	0%07	CP
	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT	REPORT			WEEKLY	COMPOS
		*****	*****	***	*****	30DA AVG	DAILY MX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.371	0.810	( 03 )	*****	*****	*****		0	CN	CN
	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	***		CONTINUOUS	IN
		30DA AVG	INST MAX	MGD				***		UDUS	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.010	0.010	( 17 )	0	0%07	GR
	PERMIT REQUIREMENT	*****	*****	***	*****	0.011	0.017			WEEKLY	GRAD
		*****	*****	***	*****	30DA AVG	DAILY MX	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H.J. SCHARDRIN, JR.  
 EXECUTIVE DIRECTOR  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Dennis Thomasson, Sr.*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
	502 540 6000	11	2	28

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME CHENDWETH RUN WQTC  
 ADDRESS C/O CEDAR CREEK WQTC  
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

KY0042226 PERMIT NUMBER  
 001 2 DISCHARGE NUMBER

MINOR (SUBR LV)  
 F - FINAL  
 SANITARY WASTEWATER EFFLUENT  
 \*\*\* NO DISCHARGE ( ) \*\*\*

JETTE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	01	01		11	01	01

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	1	2	( 13 )	0	0/07	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	*/		WEEKLY	GRAS
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	17.6	19.3	( 26 )	*****	5	6	( 19 )	0	0/07	CD
	PERMIT REQUIREMENT	39.2	75.4		*****	10	20			WEEKLY	COMPL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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*Dennis Thomasson*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 602 540 6000  
 DATE 11 2 28  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

<b>LAKE FOREST</b>		Report for	<b>Jan-01</b>		Tot. Exc.=		0			
Tot. Flow= Date	11.489 Flow	TSS	Concentrations BOD NH3		Fecal	TSS	Pounds BOD		NH3	Conc. T Phos
1/1/01	0.81									
1/2/01	0.577	9	4	0.11	2	43.310	19.249	0.529	2.61	
1/3/01	0.423									
1/4/01	0.347									
1/5/01	0.343									
1/6/01	0.359									
1/7/01	0.335									
1/8/01	0.365									
1/9/01	0.373	6	6	0.22	1	18.665	18.665	0.684	2.78	
1/10/01	0.342									
1/11/01	0.312									
1/12/01	0.305									
1/13/01	0.313									
1/14/01	0.312									
1/15/01	0.343									
1/16/01	0.344									
1/17/01	0.352	9	5	0.22	2	26.421	14.678	0.646	3.34	
1/18/01	0.384									
1/19/01	0.373									
1/20/01	0.376									
1/21/01	0.323									
1/22/01	0.353									
1/23/01	0.357	12	6	0.17	1	35.729	17.864	0.506	3.25	
1/24/01	0.344									
1/25/01	0.345									
1/26/01	0.358									
1/27/01	0.307									
1/28/01	0.339									
1/29/01	0.379									
1/30/01	0.374									
1/31/01	0.322									
Average	0.371	9.00	5.25	0.18	1.41	31.03	17.61	0.59	3.00	
Maximum	0.810	12.00	6.00	0.22	2.00	43.31	19.25	0.68	3.34	